

## REMARKS

### I. Status of Claims

Claims 20, 21, 23, 24, 26-37 and 39-41 are pending.

No claims have been amended or canceled in this reply.

In the non-final Office Action of May 29, 2009:

- A. Claims 20, 27, 31, 34-37, 39 and 41 are rejected under 35 U.S.C. 103 (a) as being unpatentable over US 7,042,863 to Morris (hereinafter "Morris") in view of US 2002/0064134 to Lee et al (hereinafter "Lee");
- B. Claims 21 and 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Morris in view of Lee and further in view of US Pub 2003/0103487 to Kim;
- C. Claim 26 is rejected under 35 U.S.C. 103(a) as being unpatentable over Morris in view of Lee and further in view of US 6,975,613 to Johansson;
- D. Claims 23, 28, 29 and 32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Morris in view of Lee and further in view of US Pub 2002/0034172 to Ho;
- E. Claim 30 is rejected under 35 U.S.C. 103(a) as being unpatentable over Morris in view of Lee and further in view of US 7,317,713 to Taniguchi; and
- F. Claims 33 and 40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Morris in view of Lee and further in view of US 7,292,588 to Milley.

### II. Rejections under 35 U.S.C. 103(a)

#### *The Proposed Combination Does Not Arrive at the Invention of Claim 20*

As will be discussed in detail, the proposed combination of Morris and Lee does not arrive at the invention of claim 20. In particular, these references, taken alone or in

combination, fail to teach or suggest *“synchronizing the second communication channel to the first communication channel”* and *“determining a synchronization parameter for synchronization of the second communication channel, the synchronization parameter defining a phase offset between a first data interchange and a second data interchange, the first data interchange between the master subscriber and the first slave subscriber via the first communication channel and the second data interchange between the master subscriber and the second slave subscriber via the second communication channel”*, as recited in the pending claim 20. The Office Action admits that Morris fails to disclose this claim element. (See the aforementioned office action at p.4).

Instead, the Office Action relies on Lee et al. as providing these features. In particular, the Office Action cites paragraphs [0056]-[0058] of Lee against the above cited features. As will be discussed below, however, Lee does not teach or suggest this limitation.

Lee merely discloses the synchronization of the parked slaves with the master (see lines 5-6 of paragraph [0056] of Lee), but not a synchronization of a second communication channel (i.e. between a parked slave and the master) with a first communication channel (i.e. between the SCO slave and the master).

Further, with reference to FIG. 7 and paragraphs [0056]-[0058] of Lee, there is no disclosure of the establishment of a second communication channel between the master and the parked slave at all. That is, as the parked slave is in inactive state, there is no second communication channel established between the master and the parked slave. This can be seen from paragraph [0056] and FIGs. 5-9 of Lee wherein it is stated that the synchronous section (Dacc) only allows the parked slaves to synchronize to the master. If a parked slave wishes to request unpark, namely to request to establish a communication channel for data transmission with the master, the parked slave may then send an unpark request to the master in a unit access window (Tacc) which follows the Dacc. Then the master may send an unpark command to the slave which requested the unpark, and the slave which receives the command from the master is unparked, namely switched into the

active mode. In other words, according to Lee, a second communication channel may only be established after the parked slave is switched into the active mode.

Lee however does not disclose any teaching of the establishment of the second communication channel (i.e. between the master and the unparked slave) which comprises a step of synchronizing the second communication channel with the first communication channel (i.e. between the master and the SCO slave) and which comprises a step of determining a synchronization parameter for synchronization of the second communication channel, the synchronization parameter defining a phase offset between a first data interchange and a second data interchange, the first data interchange between the master subscriber and the first slave subscriber via the first communication channel and the second data interchange between the master subscriber and the second slave subscriber via the second communication channel.

Thus, Lee fails to disclose or suggest the features of *“synchronizing the second communication channel to the first communication channel”* and *“determining a synchronization parameter for synchronization of the second communication channel, the synchronization parameter defining a phase offset between a first data interchange and a second data interchange, the first data interchange between the master subscriber and the first slave subscriber via the first communication channel and the second data interchange between the master subscriber and the second slave subscriber via the second communication channel”*.

It should be noted that in the non-final Office Action of May 29, 2009 (last line on page 4), the beacon broadcast received by a parked slave is seen as the first channel that goes to the first device (SCO slave). However, this is not the case. Rather, for example, with reference to FIG. 7, the broadcast slots (indicated with arrows on the line t) are to allow parked slaves to synchronize to the master, but are not allocated for the first device (i.e. a SCO slave).

For the foregoing reasons, it is respectfully submitted that neither Morris nor Lee, either alone or in combination, teach or suggest each and every element of claim 20. For at least this reason, it is respectfully submitted that the rejection of claim 20 should be withdrawn.

Claim 34

Claim 34 also stands rejected as being unpatentable over Morris in view of Lee. Claim 34, similar to claim 20, recites a system that is configured "...to determine synchronization parameters for synchronization of the second communication channel", wherein "the synchronization parameters defining a phase offset between a first data interchange and a second data interchange", and wherein "the first data interchange between the master subscriber and the first slave subscriber via the first communication channel and the second data interchange between the master subscriber and the second slave subscriber via the second communication channel". Therefore, the arguments presented above for the patentability of claim 20 are similarly applicable to claim 34. Accordingly, for at least the reasons discussed above in connection with claim 20, it is respectfully submitted that the obviousness rejection of claim 34 should be withdrawn.

Claims 21, 23, 24, 26-33, 35-37, and 39-41

Claims 21, 23, 24, 26-37, and 39-41 were rejected as being obvious over Morris and Lee, and in some cases further in view of additional references. Claims 21, 23, 24, 26-37 and 39-41 all depend directly or indirectly from and incorporate all of the limitations of their respective base claims 20 and 34. Accordingly, for at least the same reasons as those set forth above in connection with claims 20 and 34, it is respectfully submitted that the rejection of claims 21, 23, 24, 26-37, and 39-41 should be withdrawn.

It should be further noted that in the non-final Office Action of May 29, 2009 (page 2, section of "Response to Arguments"), the Office Action comments on the response dated July 7, 2008 with respect to US Pub 2004/0147267 to Hill (hereinafter

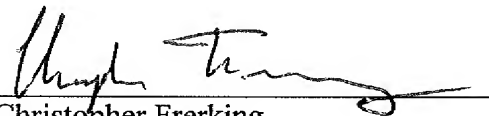
"Hill") (which seems to be erroneously referred to as "Lee" in the Office Action). The Office Action however does not reject the pending claims in view of Hill, nor explicitly maintain the previous rejection. Thus, it is believed that there is no need to make further argument with respect to Hill at this stage.

### III. Conclusion

In view of the foregoing remarks, Applicant respectfully requests reconsideration of this application and allowance of the pending claims.

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Respectfully Submitted,

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